

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

LICANTS:

Elmadjian et al.

EXAMINER: N/A

SERIAL NO.:

10/688,238

GROUP:

1765

FILED:

10/18/2003

CASE NO.:

NGC-212/12-1167

ENTITLED:

WAFER ETCHING TECHNIQUES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Applicants respectfully request that the references listed and/or enclosed on the attached sheets be considered by the Examiner.

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Any questions should be directed to the undersigned.

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Respectfully submitted,

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box

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Carmen B. Patti Reg. No. 26,784

Carmen B. Patti

January 19, 2005

Patti & Brill, LLC

Customer Number 32205

PTO/SB/08A (08-03)

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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| Complete if Known | | | |
|------------------------|------------------|---|--|
| Application Number | 10/688,238 | | |
| Filing Date | 10/18/2003 | | |
| First Named Inventor | Elmadjian et al. | - | |
| Art Unit | 1765 | | |
| Examiner Name | N/A | | |
| Attorney Docket Number | NGC-212/12-1167 | | |

| U. S. PATENT DOCUMENTS Examiner Cite Document Number Publication Date Name of Patentee or Pages Columns Lines Where | | | | | | | | |
|--|---|------|--------------------------------|--|---|--|--|--|
| Initials* | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | | |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | MM-DD-YYYY | | Or Relevant Figures Appear | T ⁶ | |
| | 1 | JP 1082629 | 03-28-1989 | Seiko Epson | | | |
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| | | | | Application Number | 10/688,238 | |
| | | | CLOSURE | Filing Date | 10/18/2003 | |
| STA | STATEMENT BY APPLICANT | | | First Named Inventor | Elmadjian et al. | |
| | (Use as many she | ets as n | ecessary) | Art Unit | 1765 | |
| | | | | Examiner Name | N/A | |
| Sheet | 2 | of | 2 | Attorney Docket Number | NGC-212/12-1167 | |

| NON PATENT LITERATURE DOCUMENTS | | | | |
|---------------------------------|--------------------------|---|----------------|--|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | |
| | 2 | KHARE, et al., "CH4/H2/Ar/Cl2 electron cyclotron resonance plasma etching of via holes for InP-based microwave devices", Journal of Vacuum Science & Technology, Sep/Oct 1994, | | |
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| | 3 | HUR, et al., "Reactive ion etching of InP via holes", Journal of Vacuum Science & Technology, May/June 1994, pgs. 1410-1412, Vol. 12, No. 3, American Institute of Physics, NY | | |
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